

TOP SECRET

Approved For Release 2005/02/10 : CIA-RDP78B04767A000400070002-7

Attachment to
2803/6925X1
25X1A

25X1A

FILM

MISSION	SYSTEM	DATE	LOAD (FEET)	TYPE	IN-FLIGHT GROUND RESOLUTION		FOCAL LENGTH (INCH)	CHARACTERISTICS	REMARKS
					BEST (FT)**	TYPICAL (FT)***			
9001	KH-1 C	Jun 59	3,600	4401	NA	NA	24	Single panoramic camera vertical mode.	First satellite photographic mission - not recovered.
9009	KH-1 C	Aug 60	3,600	4401	*	50	24	Single panoramic camera vertical mode.	First photograph obtained from satellite.
9011	KH-2 C'	Oct 60	7,200	4400	NA	NA	24	Single pan camera with changeable IMC.	Not recovered - new contract - first use of KH-2 C'.
9013	KH-2 C'	Dec 60	7,200	4400	*	35	24	Single pan camera with changeable IMC.	First photograph obtained from KH-2 C'.
9014A	KH-5A	Feb 61	4,000	*	*	*	3	Mapping camera with stellar terrain unit.	Not recovered - first use of KH-5A. First use of stellar camera.
9023	KH-3 C'''	Aug 61	7,800	4404	*	25	24	Like KH-2 but metallic platen and corn cob rollers removed.	First use of KH-3 C'''.
9031	KH-4 C''' ²	Feb 62	15,600	4404			24	Two pan cameras mounted in convergent stereo. Binary word added to format. Index camera added.	First use of KH-4 C''' ² .
9034	KH-5 A	Oct 62	4,000	*	ND	ND	3	KH-5A	First KH-5A. Successful.
9045	KH-4 C''' ²	Sep 62	15,600	4404			24	KH-4 with stellar.	First use of stellar camera and index with KH-4 C''' ² .
1001	KH-4A C''' ² J-1	Aug 63	30,000	4404			24	KH-4A with double bucket.	First KH-4A C''' ² with double bucket capability. Second bucket not recovered.

Declass Review by NSA/DOD

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25X1A 25X1A		Approved For Release 2005/02/10 : CIA-RDP78B04767A000400070002-7		Attachment to 2803/69		25X1A	
25X1D		25X1D		25X1D		25X1D	
MISSION	SYSTEM	DATE	LOAD (FEET)	FILM TYPE	IN-FLIGHT GROUND RESOLUTION LENGTH BEST (FT)** TYPICAL (FT)***(INCH)	CHARACTERISTICS	REMARKS
1004	KH-4A C-112 J-1	Feb 64	30,000	4404	10 24	KH-4A with double bucket.	First KH-4 C-112 with both buckets recovered.
25X1D							
1006	KH-4A C-112 J-1	Jun 64	31,700	4404	10 24	KH-4A	Best image quality from pan camera thus far. (Low orbit)
25X1D							
1035	KH-4A C-112 J-1	Sep 66	32,000	3404	10 24	KH-4A	First pan geometry system.
1101	KH-4B J-3	Sep 67	32,000	3404	24	Similar to KH-4A design but constant rotating lens drum and Dual Improved Stellar Index Unit (DISIC) KH-4B.	First use of KH-4B system.
25X1D							
1102	KH-4B J-3	Dec 67	32,600	3404	24	KH-4B	First bicolor experiment.
1104	KH-4B J-3	Aug 68	31,462 800	3404 S-180	24	KH-4B	First use of third generation Petzval lens (fwd camera).
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25X1

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-2803/69

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<u>MISSION</u>	<u>SYSTEM</u>	<u>DATE</u>	<u>LOAD (FEET)</u>	<u>TYPE</u>	<u>IN-FLIGHT GROUND RESOLUTION LENGTH</u>		<u>BEST (FT)**</u>	<u>TYPICAL (FT)***</u>	<u>(INCH)</u>	<u>CHARACTERISTICS</u>	<u>REMARKS</u>
1105	KH-4B	Nov 68	40,000	SO-380							
X1D	J-3		500	SO-121			24			KH-4B	

1105
25X1D KH-4B Nov 68 40,000 SO-380
25X1D J-3 500 SO-121
25X1A

First use of SO-121 color film
in KH-4B system.

NA - Not Applicable
ND - Not Determined
* - Not Available
** - Refers to the best ground resolution observed at some point in the mission.
*** - Refers to the best ground resolution observed on many frames of the mission; however, due to some degrading factor the typical resolution is not equal to the best.

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